

Course

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CODETANTRA

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1.1.3. Calculate Area of the Square

08.21 A ☾ ⚡ -

Write a Python program that prompts the user to enter the *side_length* of a square and computes the area of the square.

Formula:

- Area = side_length^2

Input Format:

- The input is a positive integer value that represents the *side_length* of the square.

Output Format:

- The output is a positive integer value that represents the area of the square.

Sample Test Cases +

Explorer AreaSqua...

```
length = int(input())
area = length * length
print(area)
```

Terminal Test cases

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Algorithm To Calculate Area of a Square

Algorithm to Calculate the Area of a Square

Step 1: Start

Step 2: Declare variables side and area

Step 3: Read the value of side

Step 4: Calculate the area using the formula

$$\text{area} = \text{side} \times \text{side}$$

Step 5: Display the calculated area

Step 6: Stop

